

REMINDEER

Markings on drawings shall be in accordance with 37 CFR § 3.13. Application of the rule of superimposing
shall not be required if the drawing is clearly descriptive of the invention.

The drawing(s) filed (insert date) 1-30-02 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

- 1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color.
 Color drawings are not acceptable until petition is granted.
 Fig(s) _____

Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS: 37 CFR 1.84(b)
 All full-page sets required. Fig(s) _____
 Photographs may not be mounted. 37 CFR 1.84(c)
 Poor quality (half-tone). Fig(s) _____

3. TYPE-OF PAPER: 37 CFR 1.84(d)
 Paper not flexible, strong, white, and durable.
 Fig(s) _____

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

Mylar, vellum paper is not acceptable (too thin). Fig(s) _____

4. SIZE OF PAPER: 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size.
 Sheets. Fig(s) **1A-4B**
 Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top (T) _____ Left (L) _____
 Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)
REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity.
 Fig(s) _____
 Views not labeled separately or properly.
 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
 Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE: 37 CFR 1.84(k)
 Scale not large enough to show mechanism without distortion when drawing is reduced in size two-thirds in reproduction. Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS: 37 CFR 1.84(l)
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) **1A-4C**

11. SHADING. 37 CFR 1.84(m)
 Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____
 Shading lines pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS: 37 CFR 1.84(p)
 Numbers and reference characters not plain and legible. Fig(s) **1A-4C**
 Figure legends are poor. Fig(s) **1A-4B**
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)
 Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)
 Corrections not made from prior PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

MENTS FIG. 1A-4B. ARE ON A-4 SIZE PAPER
AND ALL OTHER FIGURES ARE ON 8 1/2 X 11. ALL
DRAWINGS NEED TO BE ON THE SAME SIZE PAPER

REVIEWER

REVIEWER J. CHASE DATE 4-16-03 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO.

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

If the drawing contains an error or omission, it must be corrected by the person who made the original drawing. Corrections may be made by the following methods:

Method A: Application to the Drawing Revision panel, Form 181 or 183 for the reasons indicated below. The Examiner will decide if the drawing is acceptable.

Method B: Application to the Drawing Revision panel, Form 181 or 183 for the reasons indicated below. The Examiner will decide if the drawing is acceptable.

The drawings must be submitted in accordance with the instructions on the back of this notice.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

REVIEWER: GREGORY J. BROWN
DATE: 10/03 TEL/PHONE NO.: 383-1033 (X3)

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